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9/28/07*

Application No. 10/532,583  
Amendment Dated 9/28/2007  
Reply to Final Rejection of 5/29/07

### AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

#### Listing of Claims:

Claims 1-15 (Canceled).

16. (Withdrawn) An anti-adhesive layer for a wound dressing, said anti-adhesive layer comprising a xerogel containing silica and at least one hydrophobic organic silicon compound, wherein the anti-adhesive layer has a relative coating weight on the wound dressing from 0.05 % to 5 %.

17. (Withdrawn) The anti-adhesive layer according to Claim 16, wherein the at least one hydrophobic organic silicon compound comprises at least one compound selected from the group consisting of:

a trialkoxysilane having the formula  $R^1Si(OR)_3$ , wherein  $R^1$  is an alkyl group having 8 to 18 carbon atoms;

an arylsilane having the formula  $R^2Si(OR)_3$ , wherein  $R^2$  is an aryl group;

a diarylsilane having the formula  $R^2_2Si(OR)_2$ , wherein  $R^2$  is an aryl group;

triphenylsilane chloride;

t-butyldiphenylsilane chloride;

hydrophobically modified polysiloxanes having alkyl and/or phenyl side groups;

oleophobic compounds having the formula  $R^3Si(OR)_3$ , wherein  $R^3$  is a perfluorinated alkyl group; and

oleophobic polysiloxanes having perfluorinated alkyl side chains.

18. (Withdrawn) The anti-adhesive layer according to Claim 16, containing an epoxysilane compound effective to provide the anti-adhesive layer with partially hydrophilic properties.

19. (Currently Amended) A composite comprising:

a wound dressing; and

~~a coating composition comprising a nanosol containing silica and at least one hydrophobic organic silicon compound, or~~